



Atty. Dkt. No. 067238-0115

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Atsufumi SHIBAYAMA, et al.  
Title: DATA PROCESSOR WITH AN  
IMPROVED DATA  
DEPENDENCE DETECTOR  
Appl. No.: 09/994,806  
Filing Date: 11/28/2001  
Examiner: K.S. Kim  
Art Unit: 2111

**AMENDMENT AND REPLY UNDER 37 CFR 1.116**

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This communication is responsive to the Final Office Action dated December 3, 2004, concerning the above-referenced patent application.

**Amendments to the Abstract** begin on page 2 of this document.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this document.

**Remarks/Arguments** begin on page 36 of this document.

Please amend the application as follows: